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(21) International Application Number: PCT/AU00/00212 (22) International Filing Date: 17 March 2000 (17.03.00) (30) Priority Data: PP 9267 17 March 1999 (17.03.99) AU (71)(72) Applicants and Inventors: RILEY, James, Francis [AU/AU]; 21 Shepherd Street, Ridgehaven, S.A. 5097 (AU). MCNAIR, Susan, Gail [AU/AU]; 21 Shepherd Street, Ridgehaven, S.A. 5097 (AU). (74) Agent: A.P.T. PATENT AND TRADE MARK ATTORNEYS; G.P.O. Box 772, Adelaide, S.A. 5001 (AU).		(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: SURFACE FINISHING MACHINE (57) Abstract <p>Disclosed is a surface finishing pad (59) having a dust extraction aperture (60). The pad may have multiple finishing areas (63) or a number of pads may be mounted to a mounting plate (48, 62) that is driven by orbital drive means. The dust extraction apertures align (60) with vacuum ports through which dust may be carried away from a surface undergoing finishing. The mounting plate (48) may have a plurality of channels (46) to direct dust to vacuum ports for extraction. The pad and the machine disclosed, which uses the pads, allows large areas to be finished without dust clogging the pads.</p>		

